

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"20070031708".pn.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/11/17 07:11
S2	16	((QINGQUAN) near2 (SU)).INV.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/11/17 07:12
S3	7	(ebara near2 ballard).as.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/11/17 07:12
S4	10	JP-2001196075-\$.DID. OR JP-2002158025-\$. DID. OR JP-2003017098- \$.DID. OR JP- 2001325982-\$.DID. OR JP-2003338304-\$.DID.	USPAT; JPO; DERWENT	ADJ	ON	2008/11/17 07:17
S6	44	fuel cell same (cogenerat \$5 or (co near1 generat \$5)) same system and reform\$3 and humidif\$4 with (oxidant or air) and water with (storage or tank) and (controller or (control with (device or unit or (subsystem or sub near1 system))))	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/11/17 08:28
S7	53	("3972731"   "3976506"   "3982962"   "4001041"   "4004947"   "4128700"   "4588659"   "4738903"   "4861347"   "4976747"   "4994331"   "5019356"   "5019463"   "5268240"   "5284717"   "5302470"   "5360679"   "5366819"   "5573867"   "5658681"   "5769909"   "5780179"   "6165633").PN. OR ("6316134").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/11/17 08:29
S8	16	((QINGQUAN) near2 (SU)).INV.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/11/17 08:48
S9	7	(ebara near2 ballard).as.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/11/17 08:48

S10	1	(S8 or S9) and fuel cell same (cogenerat\$5 or (co near1 generat\$5)) same system and reform \$3 and humidif\$4 with (oxidant or air) and water with (storage or tank) and (controller or (control with (device or unit or (subsystem or sub near1 system))))	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/11/17 08:48
S11	77	humidif\$4 with hot with water with (tank or storage) with (air or oxidant)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/11/17 10:47
S12	13	S11 and fuel cell	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/11/17 10:47
S13	13	S12 and (reform\$3 or (fuel with process\$3))	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/11/17 11:24
S14	6	S13 and (predetermin\$3 with (value or temperature))	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/11/17 11:26
S15	3	S14 and gas with exchang \$3	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/11/17 11:32
S16	6	S14 and radiator	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/11/17 11:35
S17	77	humidif\$4 with hot with water with (tank or storage) with (air or oxidant)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/11/17 13:13
S18	54	S17 and humidifier	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/11/17 13:13
S19	2	S18 and fuel cell	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/11/17 13:13
S20	77	humidif\$4 with hot with water with (tank or storage) with (air or oxidant)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/11/17 13:29
S21	117	humidif\$4 with recycl\$3 with (air or oxidant)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/11/17 13:30
S22	34	S21 and fuel cell	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/11/17 13:31
S23	33	S22 and control\$4	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/11/17 13:31
S24	25	S23 and (reform\$3 or fuel with process\$3)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/11/17 13:32

S25	125	("1182759"   "3112229"   "3311097"   "3404529"   "3615850"   "3909299"   "3972731"   "3973993"   "3976506"   "3976507"   "3982962"   "4001041"   "4004947"   "4041210"   "4080487"   "4120787"   "4128700"   "4190641"   "4333992"   "4344849"   "4344850"   "4473622"   "4539267"   "4820314"   "5009967"   "5141823"). PN. OR ("5360679"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/11/17 13:32
S26	12	S24 and water with (tank or stor\$3)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/11/17 13:34
S27	182	fuel cell and (reform\$3 or fuel with process\$3) and humidif\$4 with (oxidant or air) and water with (storage or tank) with (hot or heat\$2) and (control\$3 or (control with (device or unit or (subsystem or sub near1 system))))	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/11/17 13:42
S28	93	S27 and (combust\$3 or burn\$3) with (reform\$3 or exhaust or (off near2 gas))	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/11/17 13:43
S29	33	S28 and ((combust\$3 or burn\$3) with (reform\$3 or exhaust or (off near2 gas))) same humidif\$6	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/11/17 13:43
S30	30	("6316134").URPN.	USPAT	ADJ	ON	2008/11/17 13:54
S31	6	US-20020015867-\$.DID. OR US-6329090-\$.DID. OR US-6818339-\$.DID. OR US-6294149-\$.DID. OR US-4236481-\$.DID. OR JP-07326376-\$.DID. OR JP-07326376121995-\$.DID.	US-PGPUB; USPAT; JPO	ADJ	ON	2008/11/17 14:11
S32	4	JP-05082147-\$.did. or JP-08017455-\$.did.	JPO; DERWENT	ADJ	ON	2008/11/17 14:29
S33	791	heat with exchang\$3 with humidifier	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/11/18 10:38
S34	656	heat near2 exchanger with humidifier	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/11/18 10:39

S35	318	S34 and heat near2 exchanger with gas	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/11/18 10:39
S36	123	S35 and heat near2 exchanger with gas with (exhaust or off)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/11/18 10:40
S37	69	S36 and heat near2 exchanger with gas with (exhaust or off) with water	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/11/18 10:42
S38	27	S37 and fuel cell	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/11/18 10:42
S39	24	S38 and (reform\$3 or (fuel with process\$3))	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/11/18 10:50
S40	20	S38 and humidif\$5 with (cathode or air or oxid\$5)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/11/18 10:57
S41	7	S39 not S40	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/11/18 11:29
S42	8828	heat exchanger with gas with exhaust	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/11/18 11:38
S43	1018	S42 and fuel cell	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/11/18 11:38
S44	49	heat exchanger with gas with exhaust with humidifier	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/11/18 11:38
S45	9	heat exchanger with gas with exhaust with humidifier with (heating or heated)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/11/18 11:38
S46	13	S44 and fuel cell	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/11/18 11:39

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Cases\10560434.fuel cell cogeneration unit\10560434\_east\_081117(m).wsp